

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 5-14-02 are:

- A. ☐ Approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ Objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>I. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawing: Black ink. Color. Color drawings are not acceptable until petition is granted. Pencil and non black ink not permitted. Figs(s) _____ 1 full-tone set is required. Figs(s) _____ Photographs may not be mounted. 37 CFR 1.84(e) Photo quality (half-tone). Figs(s) _____ II. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Figs(s) _____ Ensures, alterations, overwrappings, interlinations, folds, copy machine marks not accepted. Figs(s) _____ Mylar, vellum paper is not acceptable (too thick). Figs(s) _____ III. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) _____ Drawings sheets not an acceptable size. Figs(s) _____ IV. MARGINS. 37 CFR 1.84(g). Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Figs(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____ V. REMINDER. 37 CFR 1.84(h) Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Figs(s) _____ Views not labeled separately or properly. Figs(s) _____ Enlarged view not labeled separately or properly. Figs(s) _____ VI. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Figs(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Figs(s) _____</p>	<p>VII. ARRANGEMENT OF VIEWS. 37 CFR 1.84(h) Words do not appear on a horizontal left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Figs(s) _____ VIII. SCALE. 37 CFR 1.84(i) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Figs(s) _____ IX. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(j) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (pencil line quality). Figs(s) <u>3, 5-7</u> X. SHADING. 37 CFR 1.84(k) Solid black areas pale. Figs(s) _____ Solid black shading not permitted. Figs(s) _____ Shade lines, pale, rough and blurred. Figs(s) _____ XI. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(l) Numbers and reference characters not plain and legible. Figs(s) <u>1-7</u> Figure legends are poor. Figs(s) <u>1-7</u> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(l)(1) Figs(s) _____ English alphabet not used. 37 CFR 1.84(l)(2) Figs(s) _____ Numbers, letters and reference characters must be at least .22 cm (1/8 inch) in height. 37 CFR 1.84(l)(3) Figs(s) _____ XII. LEAD LINES. 37 CFR 1.84(m) Lead lines cross each other. Figs(s) _____ Lead lines missing. Figs(s) _____ XIII. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(n) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____ XIV. NUMBERING OF VIEWS. 37 CFR 1.84(o) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Figs(s) _____ XV. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-48 dated _____ XVI. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Figs(s) _____ Solid black shading not used for color contrast. Figs(s) _____</p>
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COMMENTS

REVIEWER

J. CHASE

DATE

7-1-02

TELEPHONE NO.

703 305 8430

ATTACHMENT TO PAPER NO.

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